

FAASTeam presents:

# Respecting Airplane Performance Limitations

For safety reasons, all aircraft are certificated with clearly defined operator limitations that protect pilots and passengers in flight. Some of the limitations are tied to structural limits of the aircraft frame and control surfaces. Some are tied to the performance limitation of the power plant. Engines can only put out so much power and that power output is usually reduced as density altitude increases. During training, pilots learn the importance of flying within the performance capacity of the aircraft. Airplane students also learn to demonstrate certain performance maneuvers that show they can operate at the very limits of performance. If you've ever wondered why your checkride called for a chandelle, emergency descent, or short field takeoff and max performance climb, that's why. Join SCFCCFI Adam Kelly for a discussion of performance maneuvers and the importance of staying within the performance capabilities of the aircraft. Presenter Adam Kelly is a flight instructor and regular safety seminars speaker at San Carlos Flight Center. He has been in love with aviation since he was a child, and comes from a family of accomplished aviators. He earned his Private Pilot Certificate in 2009 and in 2012 started pursuing aviation fulltime. Now he no longer works a day in his

## Event Details

**Wed, May 27, 2015 - 19:00 PDT**

**San Carlos Flight Center**

655 Skyway Road

Suite 215

San Carlos, CA 94070



**Contact: San Carlos Flight Center**

**(650) 946-1700**

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Select #: WP1562315

Representative Terry Fiala

life. San Carlos Flight Center was voted Best Flight School in the US in the 2013 AOPA Flight Training Excellence Awards. We are committed to promoting safety in general aviation through our evening safety seminar programs. For more information about this and any of our weekly seminars, please visit <http://sancarlosflight.com/activities-and-events>.

**Directions:** Located in the Skyway Building, next to the Hiller Aviation Museum. Parking and entrance behind building. Suite 215 is upstairs in the northwest corner. Pilots who fly in should park in transient parking on the opposite side of the field and call the Flight Center for a ride (650) 946-1700.

#### **A message from the National FAASafety Team Manager**

Invite a fellow pilot to the next WINGS Safety Seminar in your area.

Sign up for the FAA's safety services at [www.FAASafety.gov](http://www.FAASafety.gov)!

The FAA Safety Team (FAASafety Team) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.